

## Solving Multi-Step Equations - Practice

**Solve each equation. Be sure to show your work and then check your solutions.**

1)  $16 = -k + 3k$

2)  $2v + 7 - 7 = 14$

3)  $5r + 5 = 7r - 7$

4)  $7k - 5 = -2 + 6k$

5)  $-5 - n = n + 3$

6)  $-7(8x + 2) = 42$

7)  $-4(7r - 6) - r = -5$

8)  $26 = -7(-x - 7) + 5$

9)  $7(7k + 4) - 6k = 28 + k$

10)  $7m + 5(1 + 2m) = 8m - 40$

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 $\{-4\}$ 

6)  $-7(8x + 2) = 42$

 $\{-1\}$ 

7)  $-4(7r - 6) - r = -5$

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8)  $26 = -7(-x - 7) + 5$

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9)  $7(7k + 4) - 6k = 28 + k$

 $\{0\}$ 

10)  $7m + 5(1 + 2m) = 8m - 40$

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